

## **ABSTRACT OF THE DISCLOSURE**

The present invention relates to the payment system for using the wireless network and its method, the payment system comprises a wireless device with a SIM card; a wireless AP (access point), an ADSL (Asymmetric Digital Subscriber Line), a Web-SIM gateway, a web authentication server, an accounting authorization server, a HLR (Home Location Register) and a PSTN (Public Switched Telephone Network). When a user employs the wireless network to connect to Internet via the wireless AP, an ADSL, a Web-SIM gateway and a web authentication server, the user must be identified by a payment and identity system constituting of the accounting authorization server, the HLR and the PSTN to connect to Internet and trade in Internet